

DIFFERENTIAL COVERING AND COATING METHODS

ABSTRACT OF THE DISCLOSURE

The present invention, in an exemplary embodiment, provides a
5 stent, which combines many of the excellent characteristics of both
silicone and metal stents while eliminating the undesirable ones. In
particular, a principal objective in accordance with the present
invention is to provide a family of stents where the relative
hardness/softness of regions of the stent can differ from other regions
10 of the stent to provide additional patient comfort and resistance to
compression forces. Exemplary embodiments provide a stent that is
covered so as to provide certain predefined characteristics. In
particular, a covered stent is provided that is coated internally such
that the outer scaffolding surface of the stent has enhanced friction
15 points while the internal surface exemplifies certain characteristics.